2022 SONICWALL CYBER THREAT REPORT

SONICWALL

CYBER THREAT INTELLIGENCE FOR NAVIGATING THE UNKNOWNS OF TOMORROW.

**GET THE UPDATE**
sonicwall.com/threatreport

As world events increasingly shape the cybersecurity landscape, we've seen global cybercrime hotspots shifting, longstanding trends breaking, and upward growth accelerating.

Despite the disruptions we've seen in 2022 so far, two things are for sure: The only constant is change … and no place is safe.

> "Cybercriminals are working harder than ever to be ahead of the cybersecurity industry, and unlike many of the businesses they target, threat actors often have no shortage of skills, motivation, expertise and funding within their organizations."
>
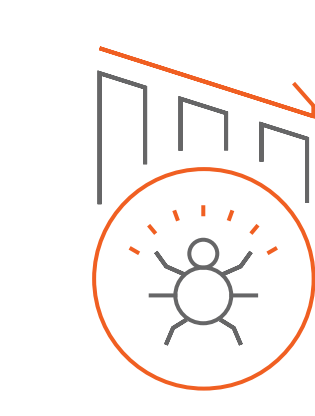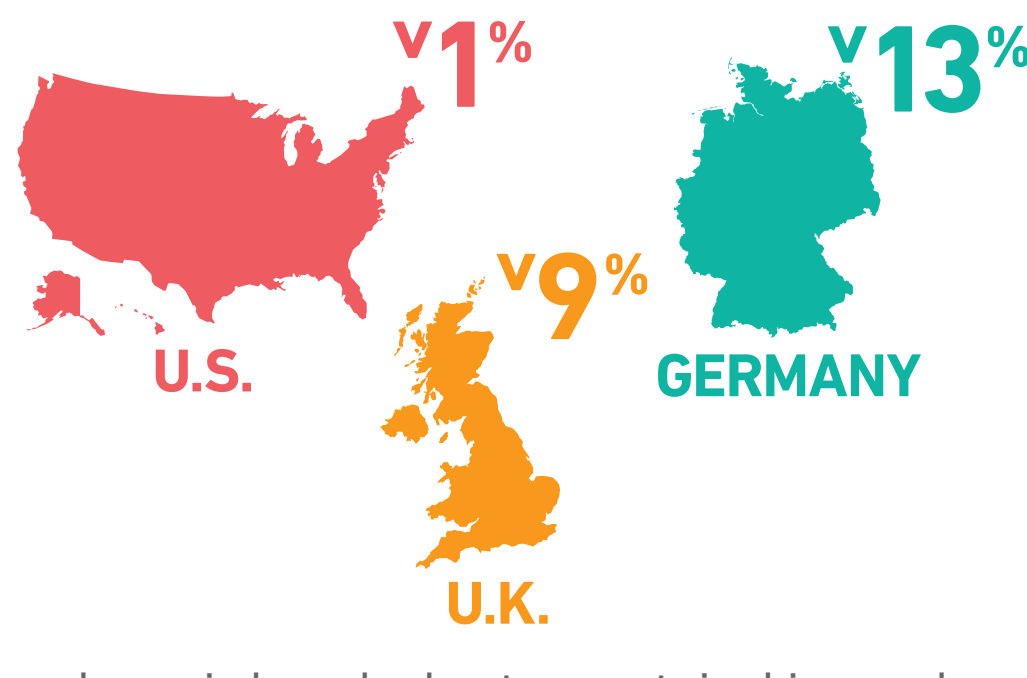> *IMMANUEL CHAVOYA | SonicWall expert on emerging threats*
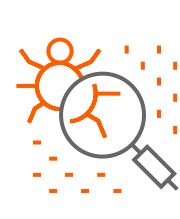
MALWARE REBOUNDS, RISING 11%

Bar chart, y-axis 0–1,100M, months Jan–Dec, years 2019, 2020, 2021, 2022.
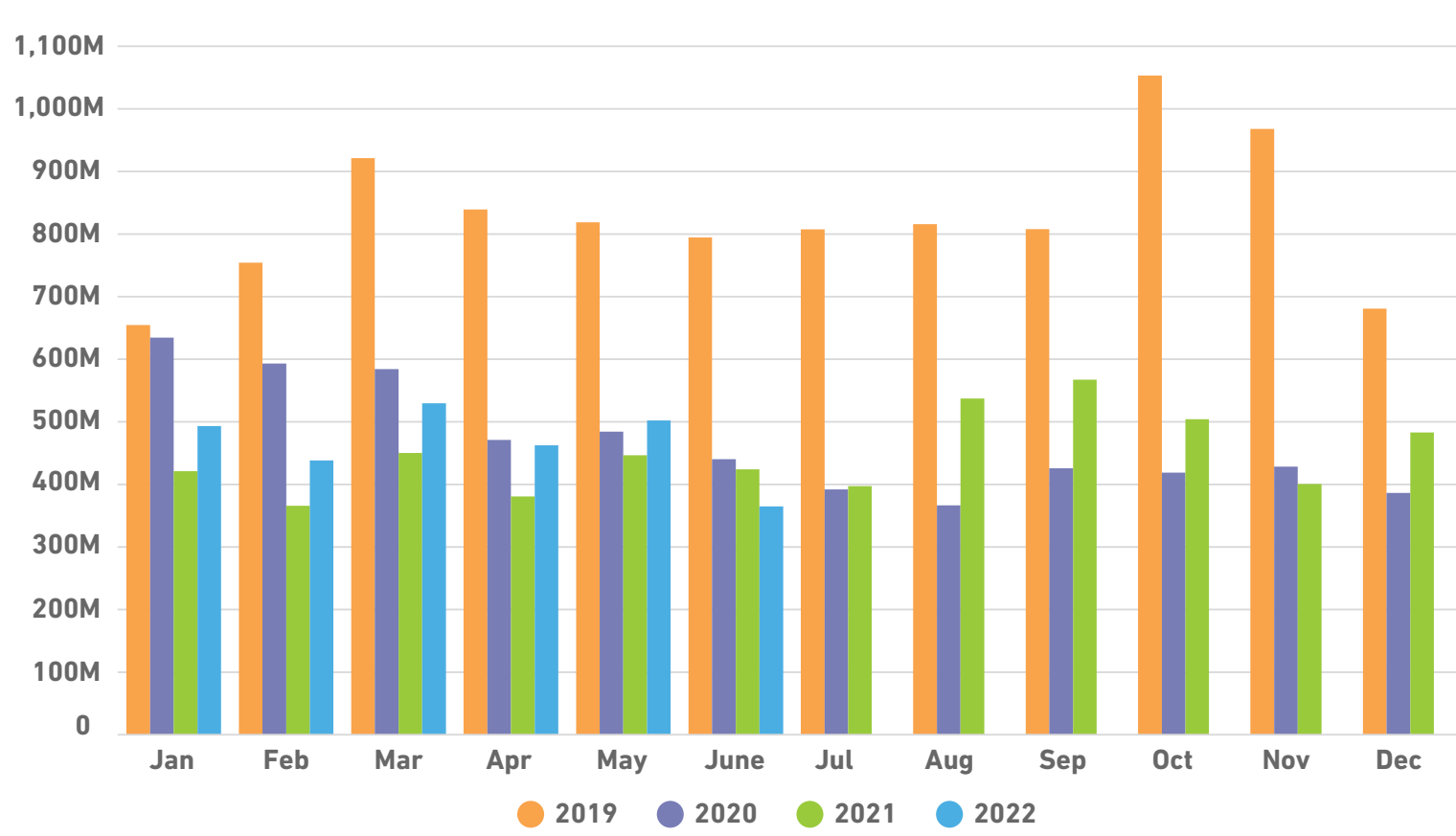
After hitting a seven-year low in 2021, malware reversed course in 2022, reaching 2.8 billion attacks — an average of 8,240 attempts per customer.
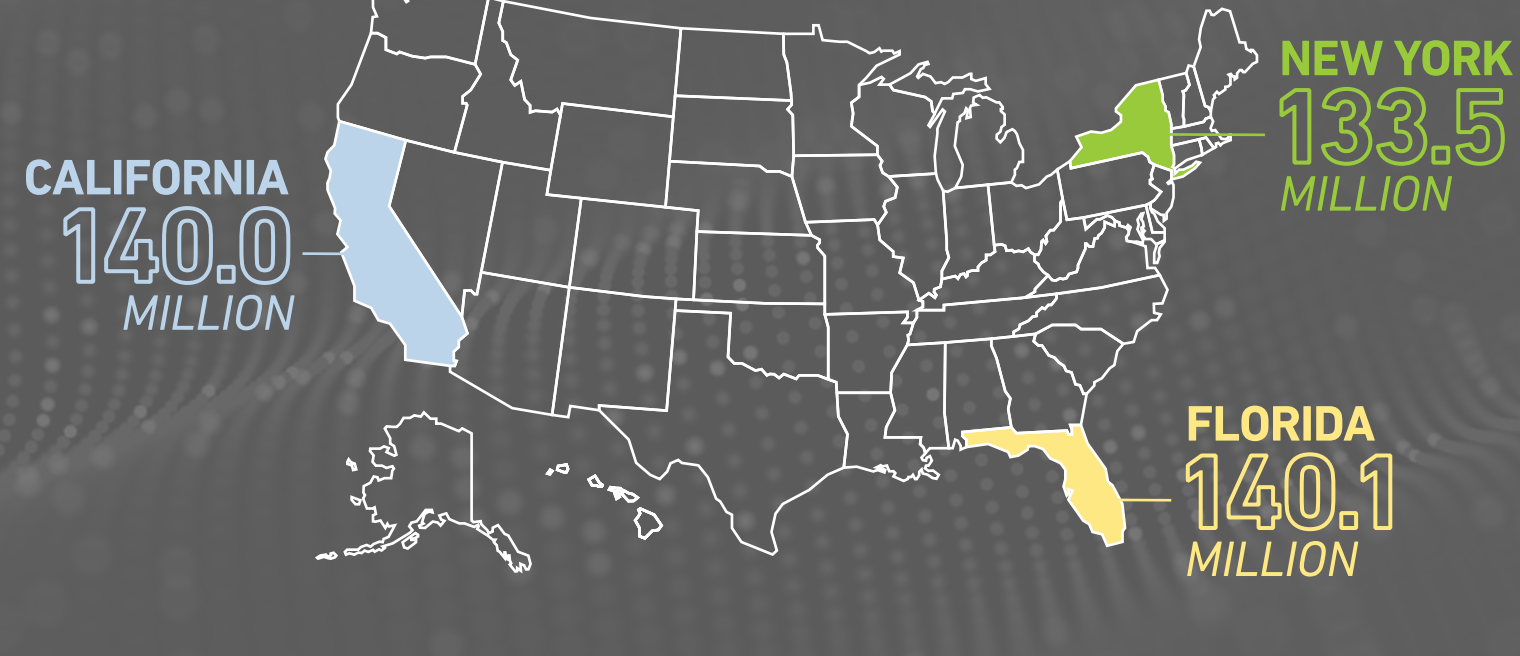
BUT MALWARE IN ESTABLISHED HOTSPOTS FELL

∨1% U.S.
∨9% U.K.
∨13% GERMANY

The increase in overall malware is largely due to cryptojacking and IoT attacks, which increased 30% and 77% year-to-date.

TOP STATES FOR MALWARE VOLUME
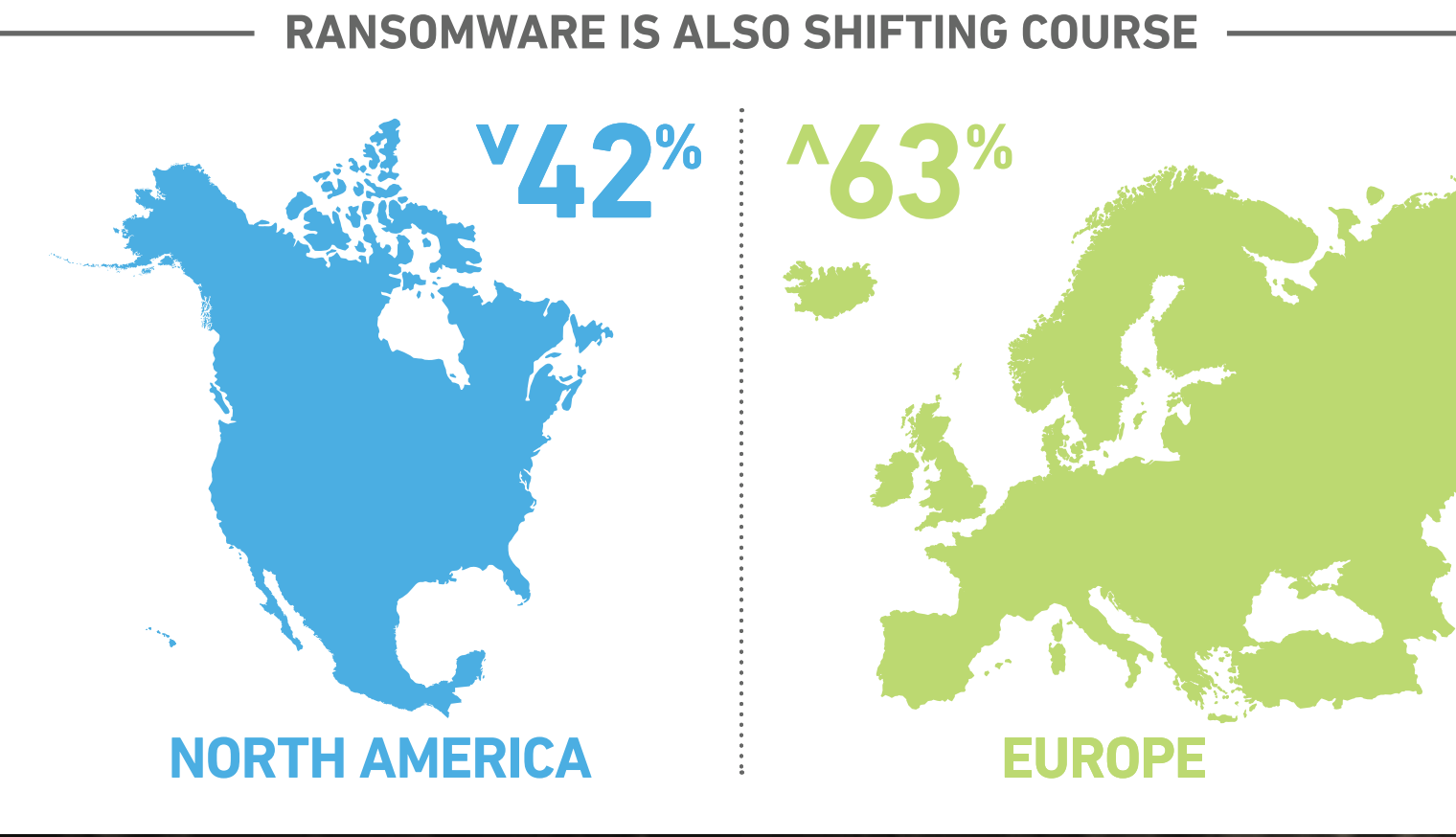
CALIFORNIA 140.0 MILLION
NEW YORK 133.5 MILLION
FLORIDA 140.1 MILLION

RANSOMWARE FALLS BY 23%

After years of increase, ransomware attacks in 2022 have fallen to 236.1 million. This is largely due to geopolitical factors, but sanctions, supply-chain issues and increased enforcement also played a role.

RANSOMWARE IS ALSO SHIFTING COURSE

∨42% NORTH AMERICA
∧63% EUROPE

BUT DON'T GET TOO EXCITED

While ransomware is down, 2022's attack volume already tops full-year totals for 2017, 2018 and 2019

638 Average of 638 ransomware attempts per customer in first half of 2022

RTDMI™ DETECTIONS RISE DRAMATICALLY

In 2022, SonicWall's patented Real-Time Deep Memory Inspection™ (RTDMI) has discovered 270,228 new malware variants — a 45% year-to-date increase, and an average of 1,501 new variants per day.

⚠ RTDMI'S RECORD HIGHS

Discovery of never-before-seen malware reached new heights in the first half of 2022

Q1 **147,851**
MARCH 2022 **59,259**

SonicWall has logged growth in RTDMI variant discoveries in 14 of 18 quarters — an increase of **2,079% overall**

GLOBAL CYBERATTACK TRENDS

+11% 2.8 Billion MALWARE ATTACKS
-23% 236.1 Million RANSOMWARE ATTACKS
+19% 3.0 Trillion INTRUSION ATTEMPTS

+77% 57.0 Million IoT MALWARE ATTACKS
+132% 4.9 Million ENCRYPTED ATTACKS
+30% 66.7 Million CRYPTOJACKING ATTACKS

CYBER THREAT INTELLIGENCE FOR NAVIGATING THE UNKNOWNS OF TOMORROW

Download the mid-year update to the **2022 SonicWall Cyber Threat Report** for exclusive data on the world's rising hotspots, industry- and location-specific trends, the meteoric rises in IoT and encrypted attacks, and more.

#KnowTheThreats

GET THE FULL REPORT

SONICWALL
CAPTURE LABS

SonicWall.com